Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 17 Jan 2021 until 23:59 on Monday 18 Jan 2021

Forecast Issued on Saturday 16 Jan 2021 at 13:46

Confidence: High for limited showers Sunday and early Monday, also for turning more unsettled with more frequent showers and longer periods of rain, sleet and snow thereafter, but lowering confidence in the detail of timing and extent of the worst of the weather.

Headline for Sunday 17 Jan 2021: Showers and brighter spells. Cold at height.

Mountain weather hazards on Sunday 17 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow showers (night)	Light snow showers (night)	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability							
40%	30%	20%	20%	10%	10%	10%	20%

Forecast for Sunday 17 Jan 2021

Weather: A mix of showers of clear, then bright or sunny spells for Sunday. Showers will be quite isolated through the day, perhaps turning wintry across highest summits at times. Also with plenty of higher cloud around the sunshine will frequently be restricted to brighter spells.

Chance of cloud free mountain/hill tops above 600m: 80% with bases generally above the summits, sporadically lowering 500m, particularly as the isolated showers push through.

Visibility: Good or very good, falling to a handful of kilometres in showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Sunday 17 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/30 W	22/29 W	21/28 W	19/27 W	18/25 W	16/23 W	20/28 W	21/31 W	20/30 W
300	16/25 W	16/24 W	15/23 W	14/22 W	14/21 W	13/21 W	14/22 W	14/24 SW	14/24 SW
Valley	10/25 W	11/24 W	9/21 W	8/19 W	10/20 W	10/20 W	10/21 W	9/22 W	9/22 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-6	0/-7	0/-7	0/-6	1/-5	1/-4	1/-5	1/-6	0/-6
300	3/-2	2/-3	2/-3	2/-2	4/-1	4/-0	3/-1	3/-2	2/-3
Valley	3/-0	3/-1	3/-1	3/-0	4/1	5/1	4/0	3/-0	3/-1
Freezing Level*	700m	600m	600m	700m	700m	800m	800m	800m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Significant wind chill at height.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 16 Jan 2021	0.8mm	4mm	33.6mm

Forecast for Monday 18 Jan 2021

Weather: Some limited brighter spells and a few isolated light showers at first. Cloud thickening from the west from mid-day with periods of rain reaching all during the evening, initially falling as snow across highest summits.

Maximum wind: Southwest 20-25mph with gusts reaching 35mph across most exposed ridges and summits.

Chance of cloud free mountain/hill tops above 600m: 90% at first with bases only fleetingly lowering across the summits, chiefly as showers occur, lowering 10% during the evening as bases become extensive from 450-600m.

Visibility: By day generally good or very good, falling to a handful of kilometres in showers, then more generally in later rain and summit snow.

Temperature: **Valleys:** Zero Celsius increasing plus 8 Celsius during the afternoon
At 600m: Plus 1 Celsius increasing plus 4 Celsius later
Freezing level: 700m rising 1200m later

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